

System Overview

Webview System Overview

This Process Map describes the operation of the Webview System

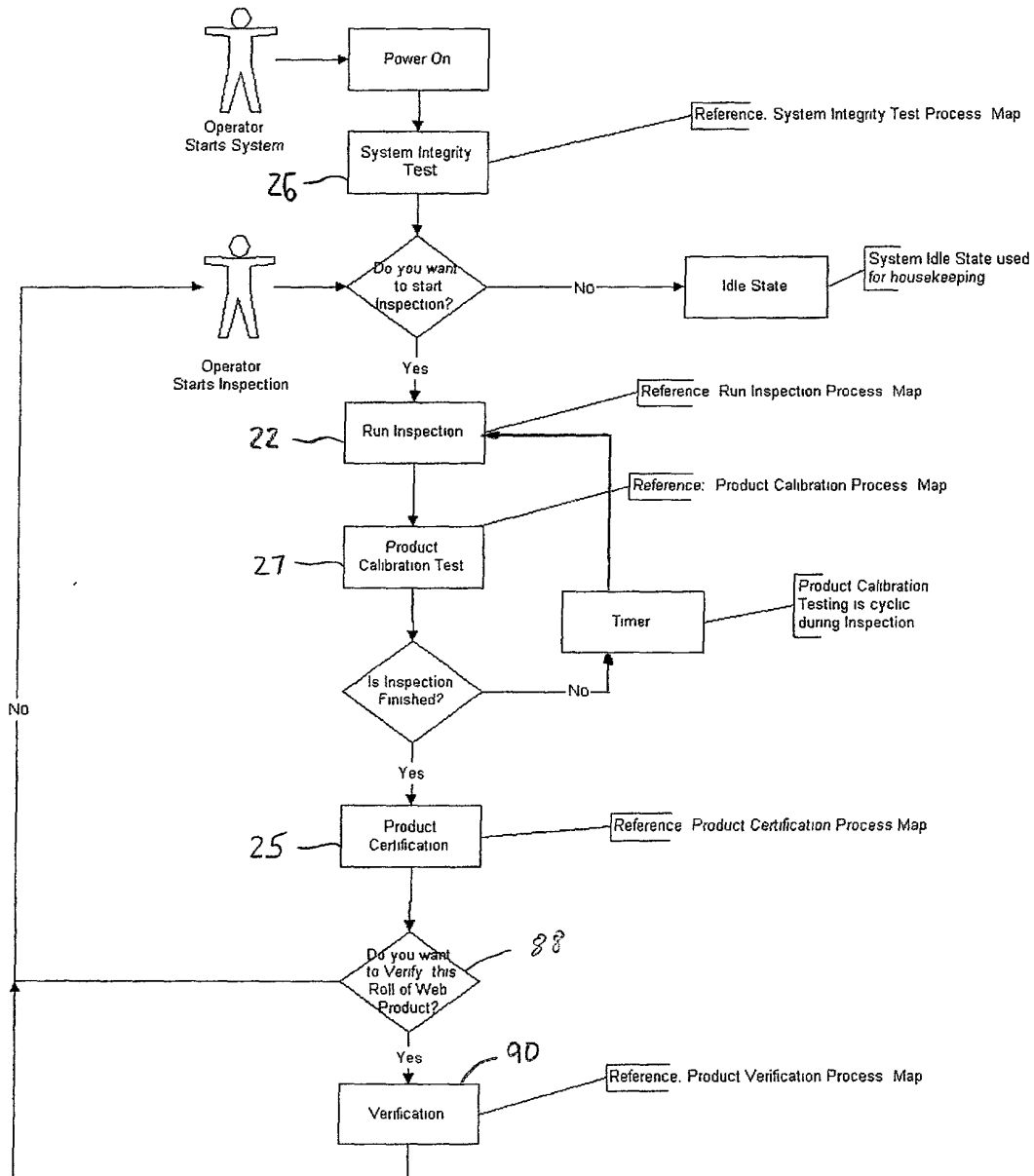


FIG. 1

Inspection

Inspection Process

This Process Map describes the Web Inspection Process.

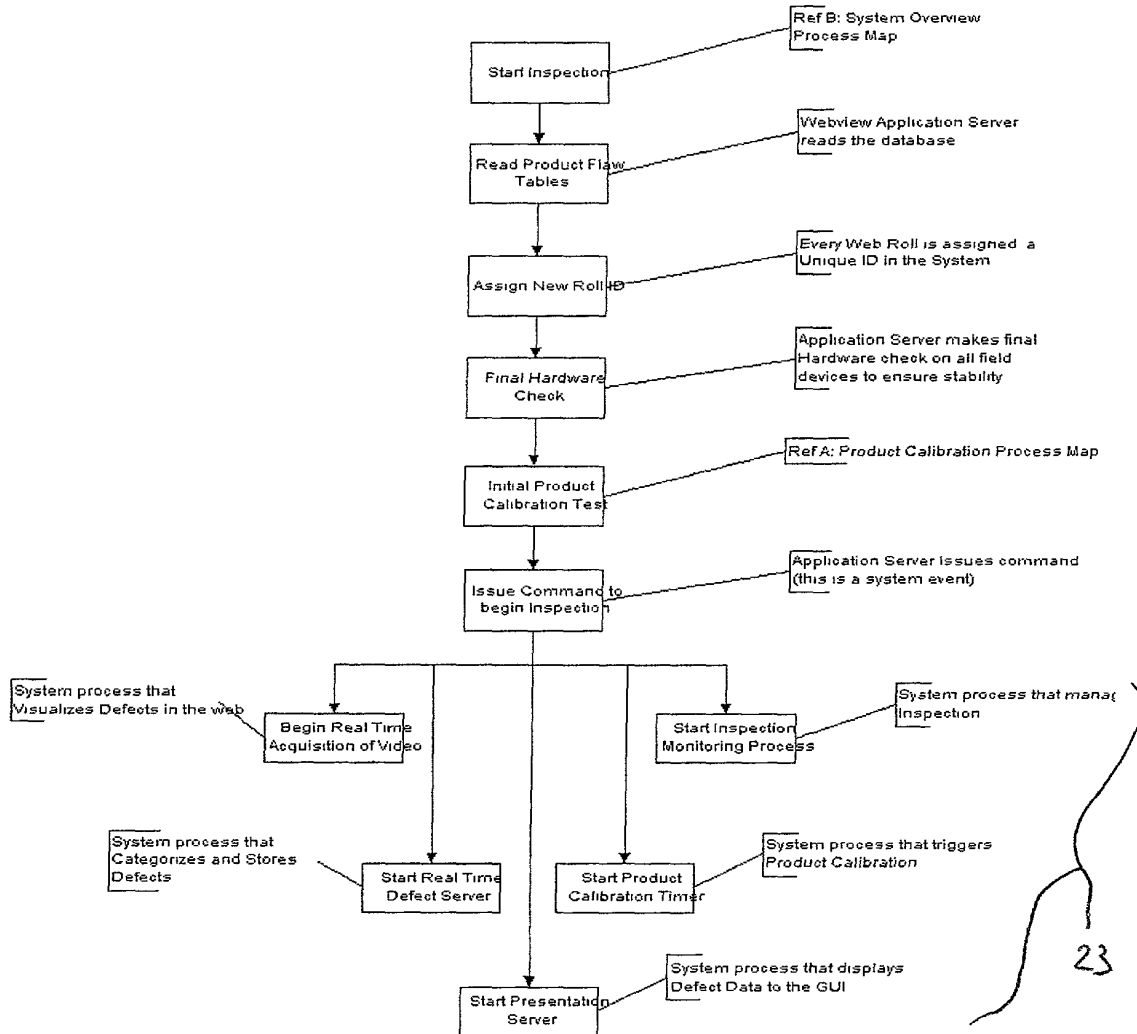
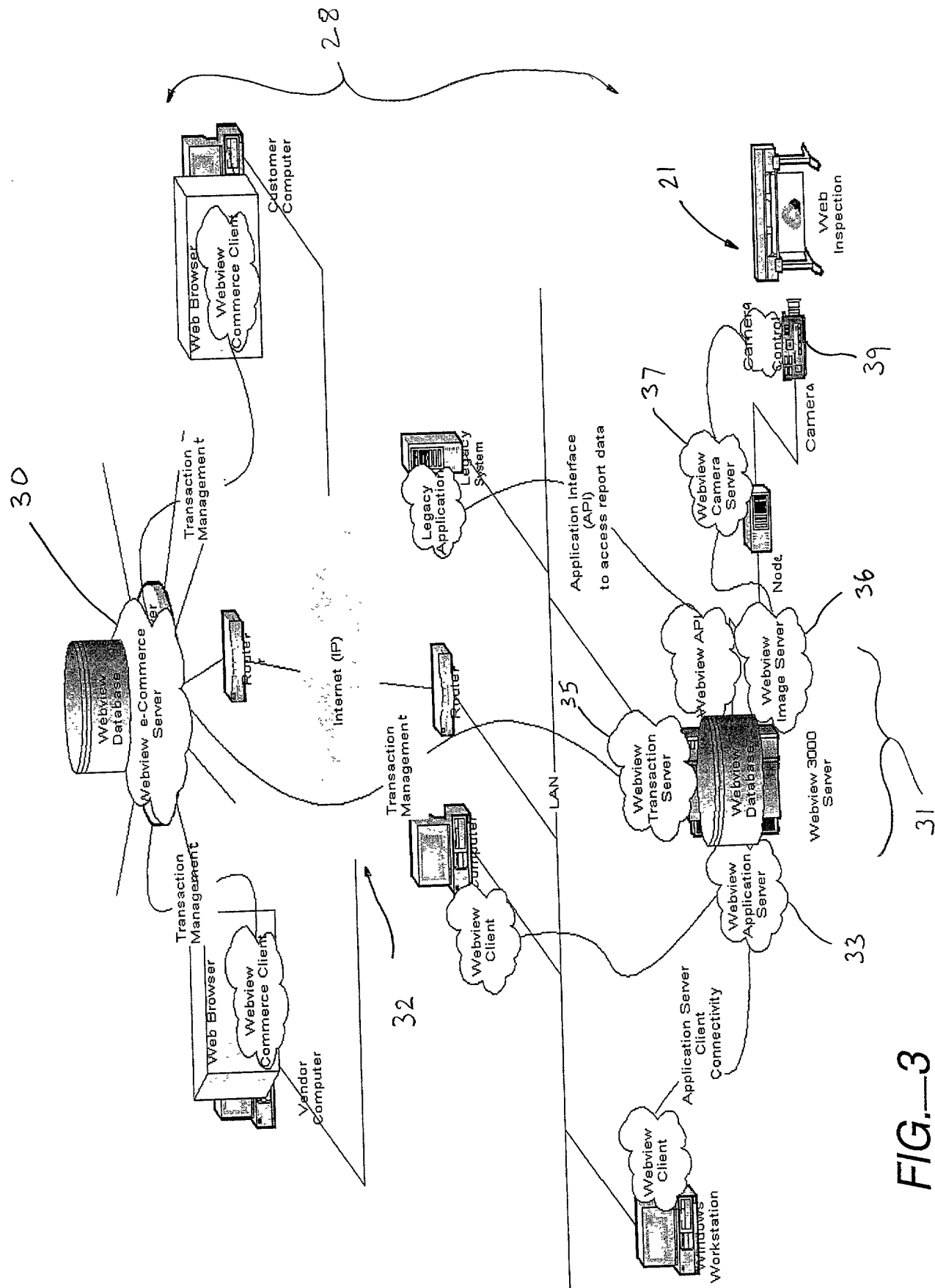


FIG.—2

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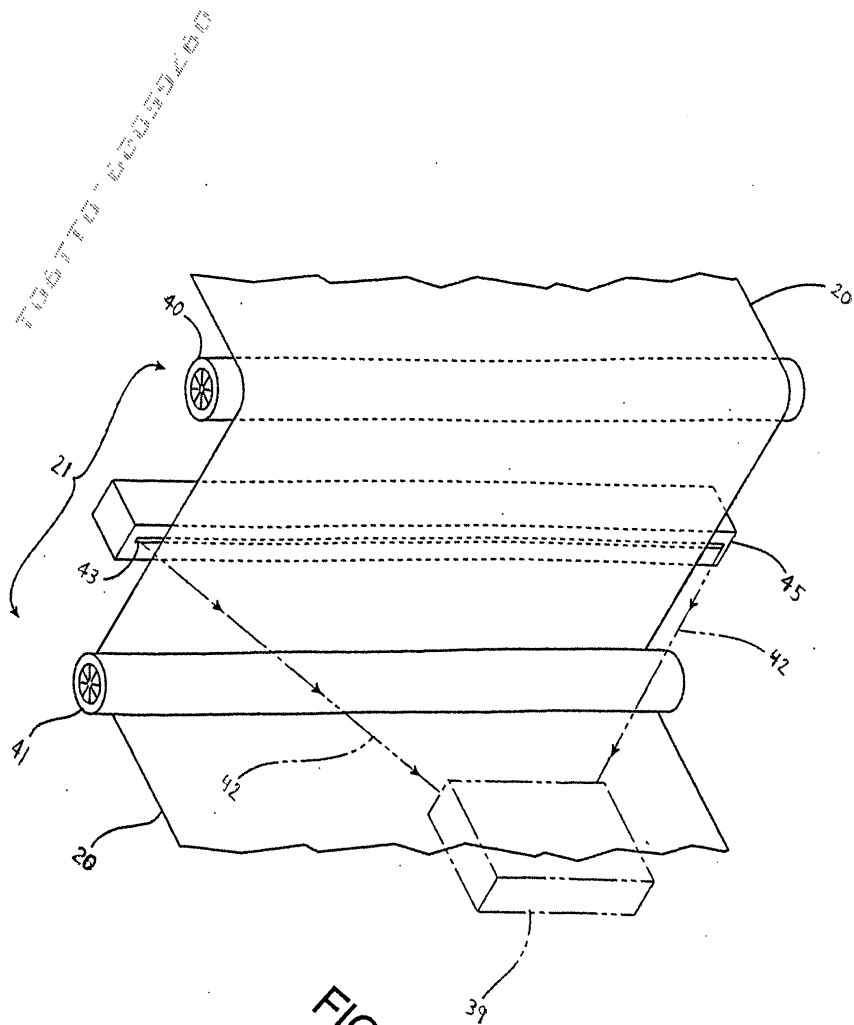


FIG. 4

System Integrity

System Integrity Test Process

This Process Map describes the System Integrity Check Process that typically occurs during the Start up of the Webview 3000 Application Server

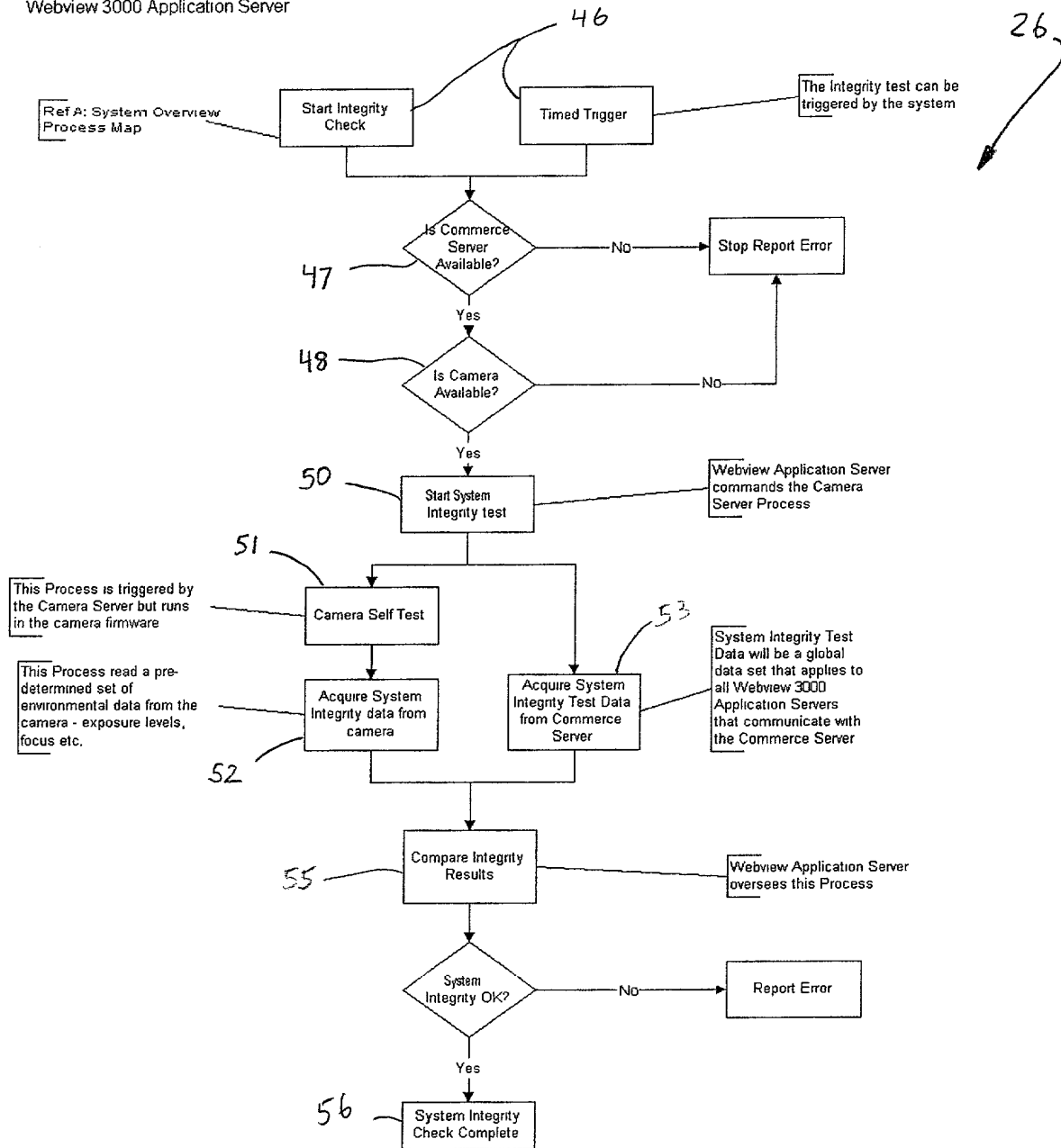


FIG. 5

Product Calibration

Product Calibration Test Process

This Process Map describes the Calibration Process that occurs during a Product Inspection.

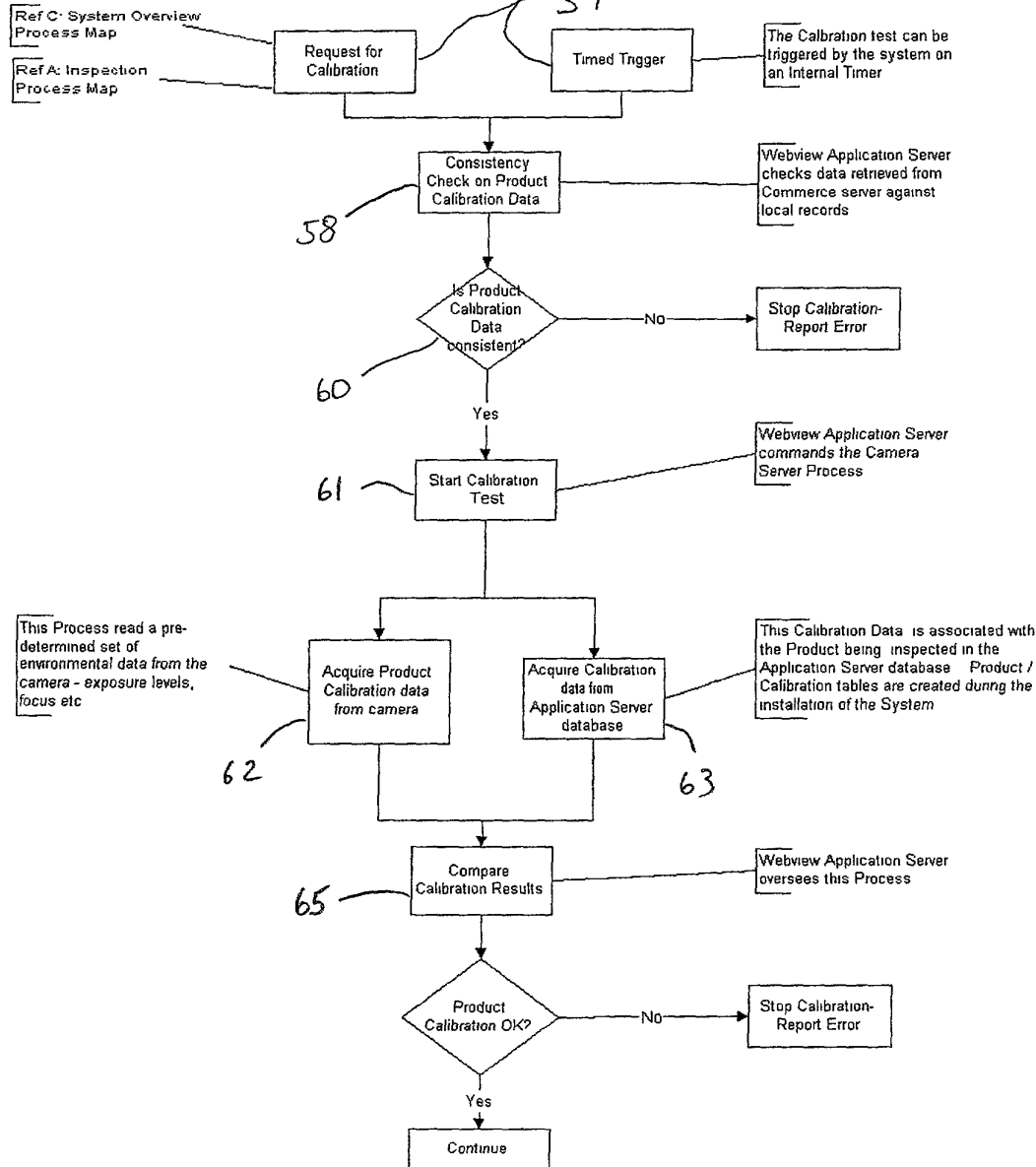


FIG. 6

Product Certification

Product Certification Process

This Process Map describes the Certification of a Roll of Web product

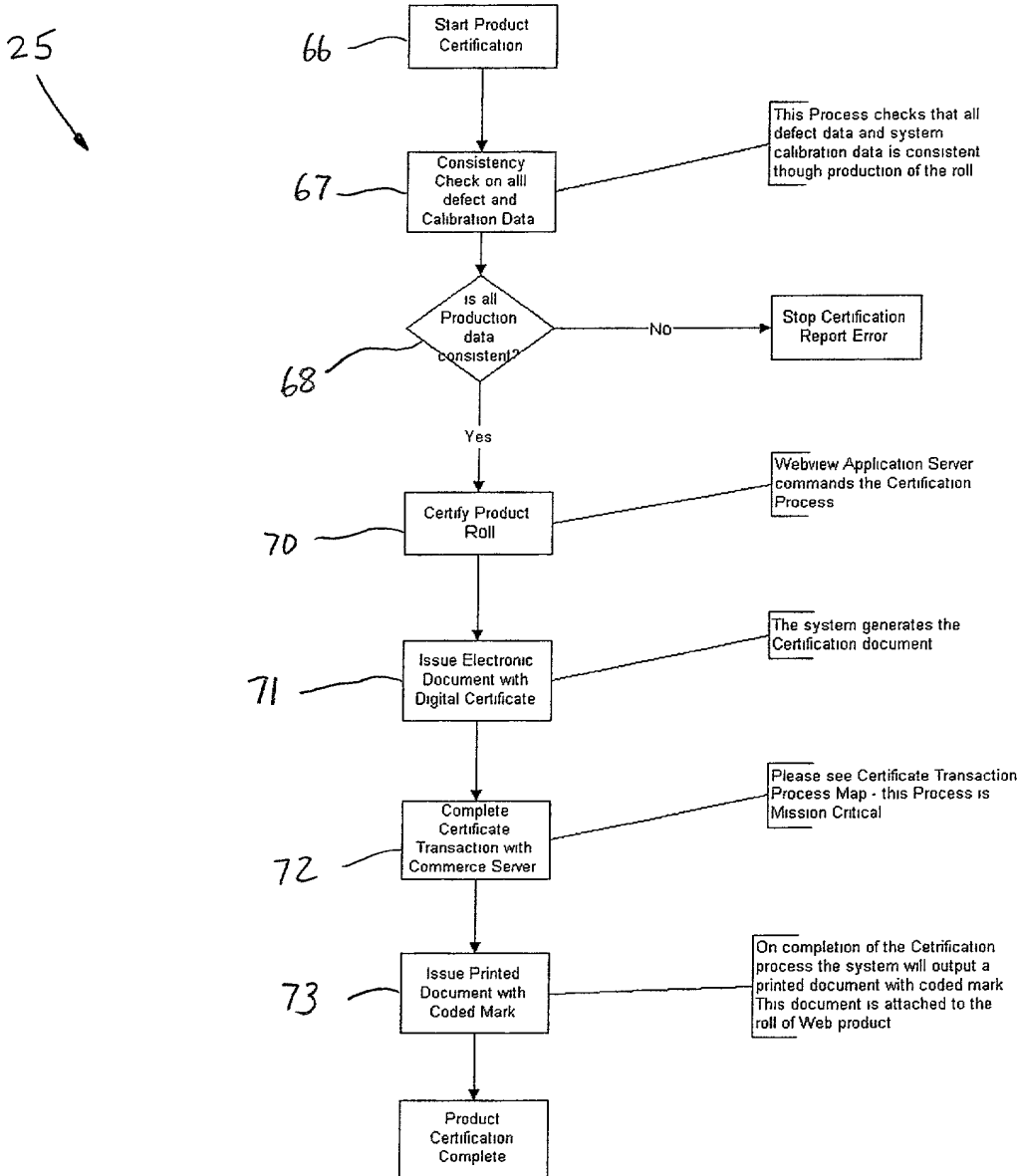


FIG. 7

Certificate Transaction

Certificate Transaction Process

The Commerce Server maintains all Product / Roll Certificates. Each Webview 3000 Application Server makes managed transactions with the Webview Commerce Server

This Process can be started in one of two ways;

Ref A: Product Certification Process Map
Ref A: Verification Process Map

Transactions follow a 2-phase commit, the system executes ACID transactions

Atomic - the transaction executes completely or not at all
Consistent - the transaction preserves the internal consistency of the database
Isolated - the transaction executes as if it were running alone, with no other dependant transactions.
Durable - the transaction results will not be lost in failure

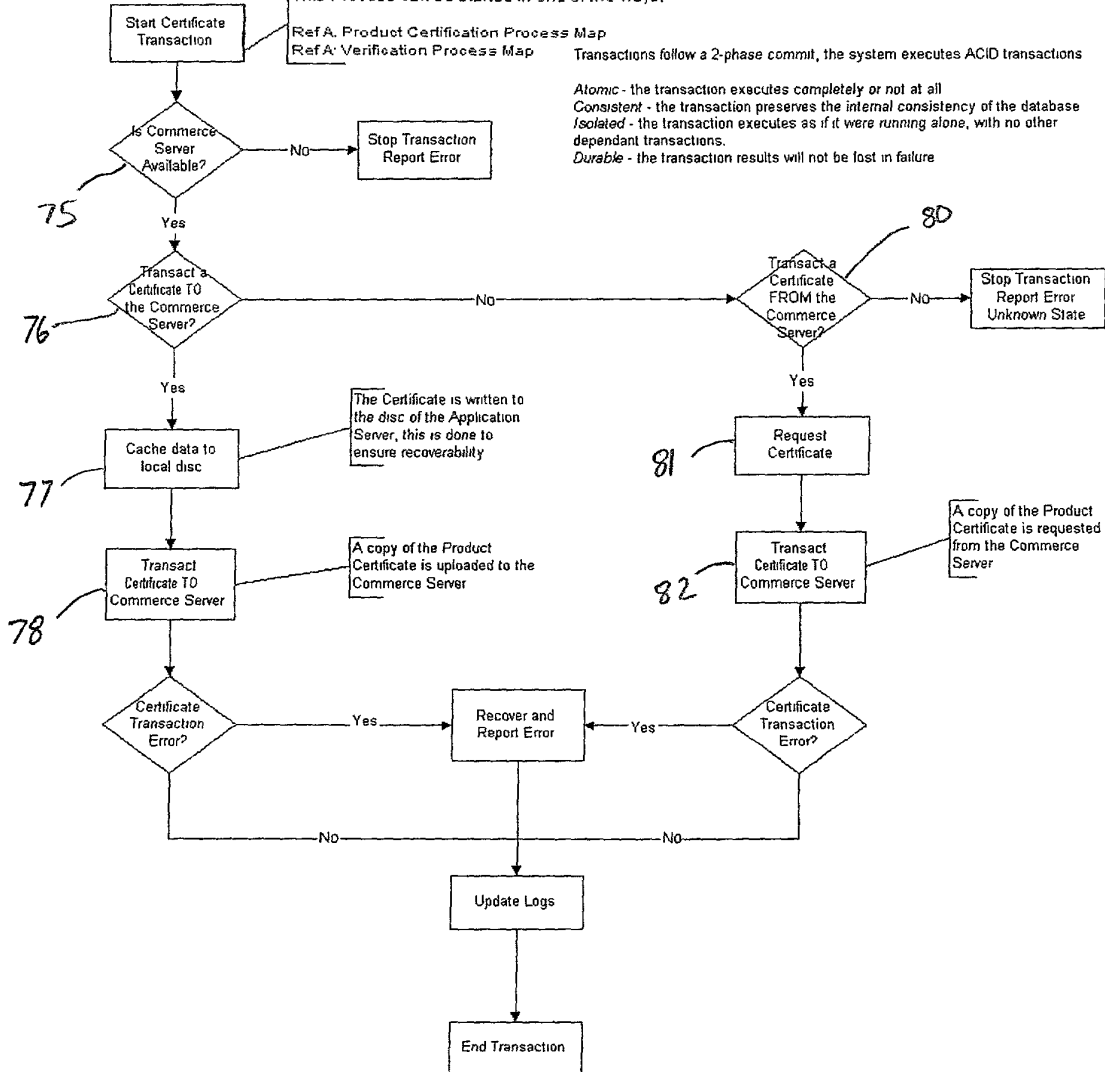


FIG. 8

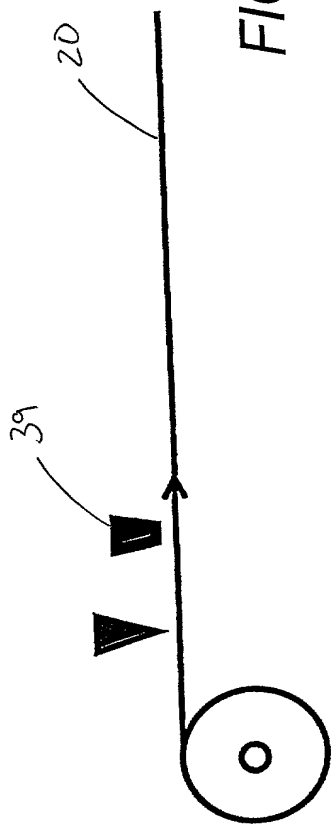


FIG. 9A

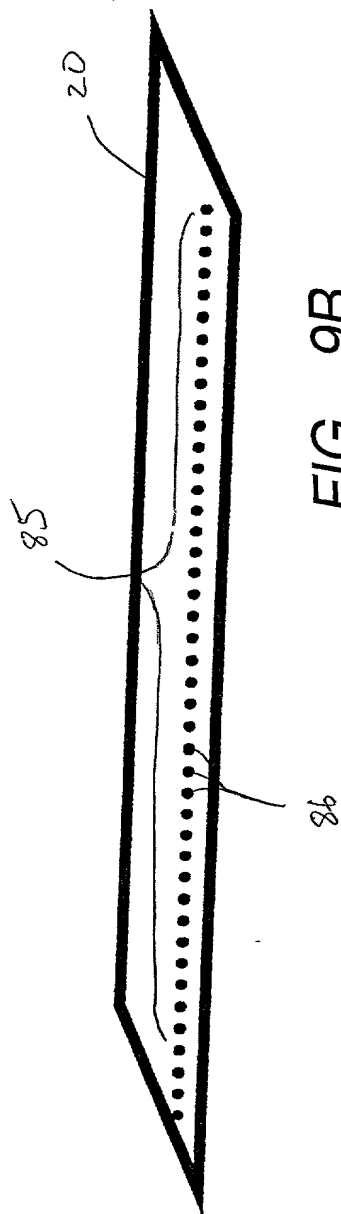


FIG. 9B

Unwind (receiver) - mirror image of Windup (shipper)

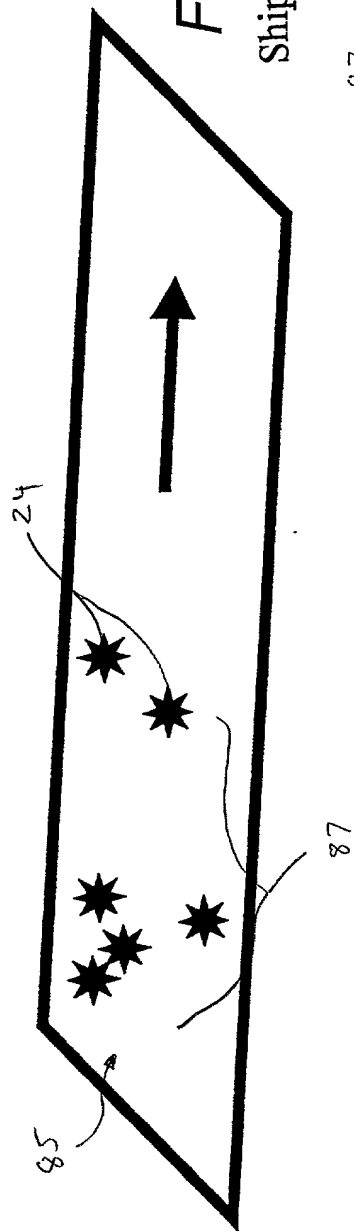


FIG. 10A

Shipper Windup

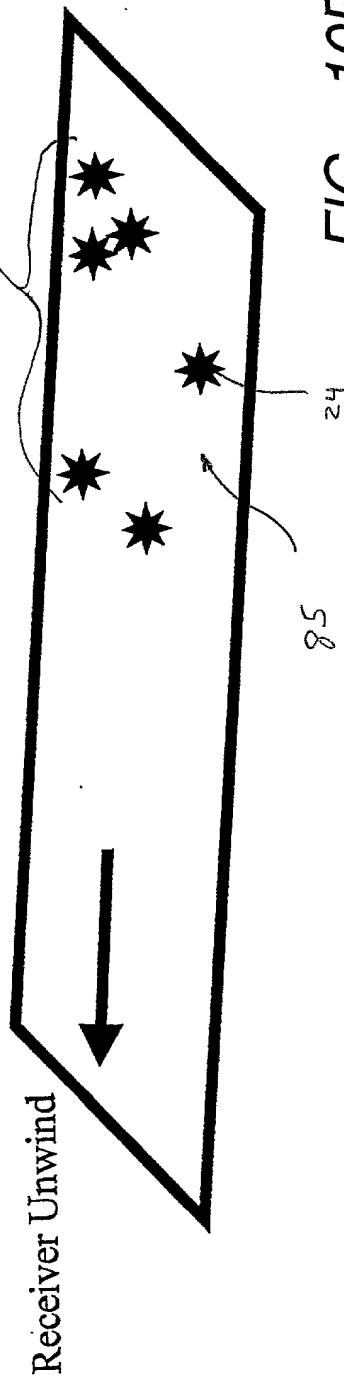


FIG. 10B

Receiver Unwind

Verification

Product Verification Process

This Process Map describes the Verification of a Roll of Web product. Verification occurs when a Roll undergoes re-inspection and the process checks the original inspection data against the secondary inspection data.

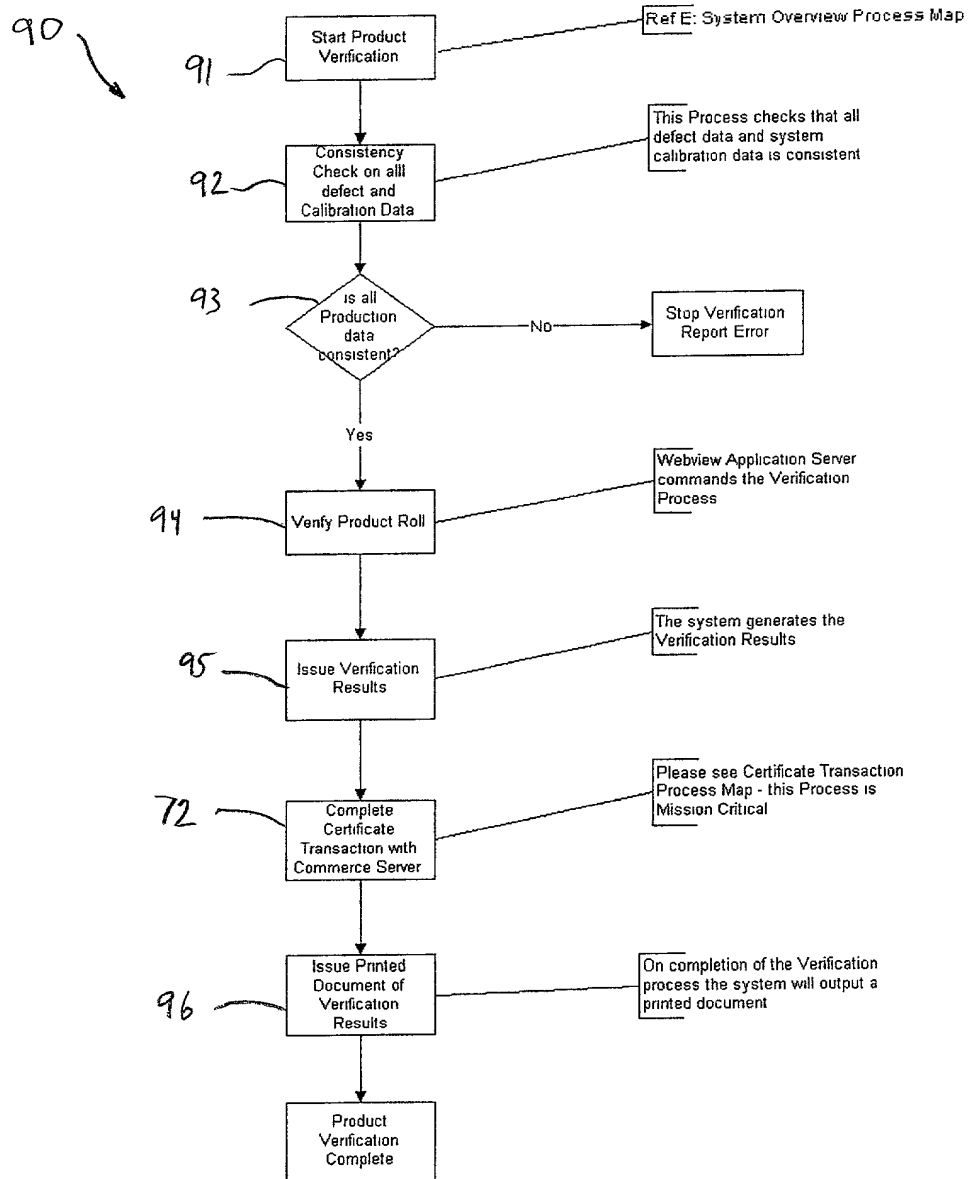


FIG. 11